**Appendix A: Consent Form Diary Study**

# Participant Consent Form

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|---|---|
| **Researchers:** | Veronica Clavijo (clve22rp@student.ju.se) |
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| **Institution:** | Jönköping University |
| **Program:** | Master in User Experience Design |

## PURPOSE OF THE STUDY

We are conducting a diary study to collect information about participants' music consumption habits, including the activities they are performing while listening to music, the music-related media they consume, and the reasons for choosing specific media over others. This study is part of our thesis project.

## PARTICIPATION DETAILS

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|---|---|
| **Duration** | 1 week |
| **Tasks** | You will record your age and gender, the activity you are performing at the moment of consuming music, the music-related media you consume, and the reasons for your choice of media (more in-depth explanation on the diary template). |
| **Frequency** | You are expected to record data diligently every time you consume music during the study period. |
| **Participation** | Participation in this study is entirely voluntary. You can withdraw at any time without any penalty by contacting us at the emails in the heading of this Consent Form. |
| **Confidentiality** | All information collected will be kept confidential and used solely for the purpose of this thesis project. Personal identifiers will be removed in any publication or presentation of the results. |
| **Compensation** | There is no compensation for participation in this study. |

| **Results** | You can indicate whether they would like to receive a summary of the study results. |

## CONSENT

By signing below, you indicate that you understand the purpose of the study, the nature of your participation, and your rights as a participant. You agree to participate in the study and to record your music consumption activities diligently over the one-week period.

Would you like to receive the results of the study?

Yes ☐                                                No ☐

Your Name or Signature: _____

Date: _____

Thank you for your participation!

# Diary Study Instructions

**What do you need to register in your diary?**

You should register for one week **every** music consumption episode you experiment with. If you have more than one by day, we kindly ask you to register all incidences by including the date and time.

**What is a Music Consumption Episode?**

A *music consumption episode* is any time you engage with content related to music. This includes listening to music, watching music videos, viewing images related to music, or reading text about music. Every time you interact with any form of music content, it counts as a music consumption episode.

**Types of Music-Related Media**

Audio

- What it is: This is the sound of the music itself.
- Examples:
    - Listening to a song on Spotify, Apple Music, or another streaming service.
    - Playing a CD or a vinyl record.
    - Hearing a song on the radio.

Video

- What it is: This is visual content that includes music.
- Examples:
    - Watching the official music video of a song on YouTube or another platform.
    - Viewing unofficial videos that include the song, such as fan-made videos or covers.
    - Watching live performances or concert recordings.

Image

- What it is: These are pictures or visual representations related to music.
- Examples:
    - Seeing album covers or artwork.

- Viewing social media posts related to a song or artist.
- Looking at behind-the-scenes photos or promotional images.

Text

- What it is: This is written content related to music.
- Examples:
  - Reading the lyrics of a song.
  - Reading notes or articles about the song or artist.
  - Looking at interviews or reviews related to the song.

**How to Report Music Consumption Episodes**

When you engage with any of these types of music-related media, please make an entry in your diary. Each entry should include answers to the following questions:

8. What is the date and time of this entry?

9. What are you doing right now? (Please explain). Explain the activity you are doing right now, or about to start doing

10. What type of music-related media are you using? (Check all that apply)
    - ☐ Audio
    - ☐ Video
    - ☐ Text
    - ☐ Image

11. Can you tell us why you chose the music-related media you are consuming while doing your current activity? Please explain how the music or video helps or fits with what you are doing.

By understanding and following these guidelines, you will help us accurately capture how you interact with music in your daily life.

**Thank you for your participation!**

# Participant Consent Form

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| **Institution:** | Jönköping University |
| **Program:** | Master in User Experience Design |

## Purpose of the Study

You are invited to participate in a research study aimed at improving music recommendation systems by evaluating user experiences with different music formats. Your participation will involve interacting with two different music apps and providing feedback based on your experience.

## What We Will Ask You to Do

- Participate in a series of tasks using two music apps.
- Allow us to record audio of your participation during the study.
- Provide your age and gender for analysis purposes.

## Use of Your Data

The information collected, including your feedback, age, and gender, will be analyzed and included in our thesis report. Your data will be treated confidentially, and no personally identifiable information will be shared in the report.

## Consent

By signing below, you agree to participate in this study, allow the recording of audio during your participation, and consent to the use of your age, gender, and feedback for research and reporting purposes.

## Your Rights

Participation is voluntary, and you may withdraw at any time without penalty. If you have any questions or concerns, please feel free to ask.

Your Signature: _____

Date: _____

Thank you for your participation!

**Appendix D: User Study Administrator Script – Group 1**

- Words: "*Hello welcome to our study! My name is ...., and I will be guiding you through this user study. We appreciate your participation in helping us better understand user preferences with Music Streaming applications.*"

- Action: Hand the participant the printed consent form.

- Words: "*Before we begin, I'd like to ask for your consent to participate in this study. This includes recording audio of our session and collecting some basic information like your age and gender for analysis purposes. Please take a moment to read through this consent form. Once you're ready, please sign at the bottom. If you have any questions, feel free to ask.*".

- Words: "*Let me explain how today's study will work. You will be interacting with two different music apps. Each app will recommend different MUSIC FORMATS, such as audio, video, images, and text. For this study, **please assume that the song itself is already a good match for your preferences and the activity**. Your focus should be just on the MUSIC FORMATS that the apps present to you. We will guide you through different scenarios and ask you to perform tasks within each app.*"

- Action: Begin filling in the form with the participant's ID, gender, and age.

**PRESENT SCENARIO 1 – BASIC MUSIC APP**

- Words: "*We're going to start with **Music App Number 1**. Imagine that you're about to do some household chores, and you need some background music. Your task is to find the appropriate activity in the app according to this scenario and pay attention to the media formats presented.*"

- Action: Hand the participant the smartphone with the BASIC MUSIC APP running.

- Words: "*Here's the app—please take a moment to explore it and find the activity for household chores.*"

- Action: Wait for about 20 seconds to let the participant interact with the app and ask the participant for the device.

**PRESENT SCENARIO 2 – BASIC MUSIC APP**

- Words: "*Now, let's move on to the second scenario, still using **Music App Number 1**. Imagine you're at a social gathering and you need to find suitable music. Your task is to find the appropriate activity for this scenario in the app and again, pay attention to the media formats presented.*"

- Action: Hand the smartphone with the BASIC MUSIC APP running to the participant again.

- Words: "*Here's the app again—please explore it and find the activity for the social gathering scenario.*"

- Action: Wait for about 20 seconds to let the participant interact with the app.

**RESQUE FRAMEWORK - BASIC MUSIC APP**

- Words: "*Now, we're going to ask you some questions based on your experience with **Music App Number 1**. You'll be rating each statement from 1 to 5, where 1 means 'Strongly Disagree' and 5 means 'Strongly Agree'. Please focus only on the **media formats** presented by the app, and not on the song itself.*"

- Action: Proceed to ask the RESQUE framework questions related to the Basic Music App experience.

**UEQ – BASIC MUSIC APP**

- Action: Hand the participant the form with the UEQ ready to be filled in.

- Words: "*Next, I'd like you to fill out this short questionnaire. It's a quick set of 8 questions about your experience using **Music App Number 1**. Just select the number that best represents your feelings.*"

**CONTINUE WITH MUSIC APP NUMBER 2**

- Words: "*Now, we're going to repeat the same process with **Music App Number 2**. The scenarios and tasks will be the same, but the app may present different media formats. Just like before, assume the song matches your preferences and focus only on the media formats.*"

**PRESENT SCENARIO 1 – MODIFIED MUSIC APP**

- Words: "*We're going to start with **Music App Number 2**. Again, imagine that you're about to do some household chores, and you need some background music. Find the appropriate activity in the app according to this scenario and pay attention to the media formats presented.*"

- Action: Hand the participant the smartphone with the MODIFIED MUSIC APP running.

- Words: "*Here's the app—please take a moment to explore it and find the activity for household chores.*"

- Action: Wait for about 20 seconds to let the participant interact with the app and ask the participant for the device.

**PRESENT SCENARIO 2 – MODIFIED MUSIC APP**

- Words: "*The second scenario still using **Music App Number 2**. Imagine you're at a social gathering and you need to find suitable music. Your task is to find the appropriate*

*activity for this scenario in the app and again, pay attention to the media formats presented.*"

- Action: Hand the smartphone with the MODIFIED MUSIC APP running to the participant again.

- Words: "*Here's the app again—please explore it and find the activity for the social gathering scenario.*"

- Action: Wait for about 20 seconds to let the participant interact with the app.

- Words: "*We've completed both scenarios with **Music App Number 2**. Did you notice any differences between the first app and this one, particularly regarding the variety of **media formats** presented?*"

- Action: Allow the participant time to respond and note any comments they make.

**RESQUE FRAMEWORK – MODIFIED MUSIC APP**

- Words: "*We'll now ask you the same questions as before, but this time based on your experience with **Music App Number 2**. Again, focus only on the **media formats** and not on the song itself.*"

- Action: Proceed to ask the RESQUE framework questions related to the Modified Music App experience.

**UEQ QUESTIONS – MODIFIED MUSIC APP**

- Action: Hand the participant the form with the UEQ ready to be filled in.

- Words: "*Finally, please complete this questionnaire about your experience using **Music App Number 2**. Again, it's just 8 quick questions.*"

- Action: Wait for the participant to complete the form. Thank them for their participation once done.

- Words: "*Thank you so much for your time and valuable feedback! That is all we need.*"

## Appendix E: User Study Administrator Script – Group 2

- Words: "*Hello welcome to our study! My name is ...., and I will be guiding you through this user study. We appreciate your participation in helping us better understand user preferences with Music Streaming applications.*"

- Action: Hand the participant the printed consent form.

- Words: "*Before we begin, I'd like to ask for your consent to participate in this study. This includes recording audio of our session and collecting some basic information like your age and gender for analysis purposes. Please take a moment to read through this consent form. Once you're ready, please sign at the bottom. If you have any questions, feel free to ask.*".

- Words: "*Let me explain how today's study will work. You will be interacting with two different music apps. Each app will recommend different MUSIC FORMATS, such as audio, video, images, and text. For this study, **please assume that the song itself is already a good match for your preferences and the activity**. Your focus should be just on the MUSIC FORMATS that the apps present to you. We will guide you through different scenarios and ask you to perform tasks within each app.*"

- Action: Begin filling in the form with the participant's ID, gender, and age.

### PRESENT SCENARIO 1 – BASIC MUSIC APP

- Words: "*We're going to start with **Music App Number 2**. Imagine that you want to rest and unwind after a tough day. You want to play calming music. Find the appropriate activity in the app according to this scenario and pay attention to the media formats presented.*"

- Action: Hand the participant the smartphone with the BASIC MUSIC APP running.

- Words: "*Here's the app—please take a moment to explore it and find the activity for household chores.*"

- Action: Wait for about 20 seconds to let the participant interact with the app and ask the participant for the device.

### PRESENT SCENARIO 2 – BASIC MUSIC APP

- Words: "*Now, let's move on to the second scenario, still using **Music App Number 2**. Imagine that you want to start your daily workout. You need music that can motivate and boost your energy. Find the appropriate activity in the app according to this scenario and pay attention to the media formats presented.*"

- Action: Hand the smartphone with the BASIC MUSIC APP running to the participant again.

- Words: "*Here's the app again—please explore it and find the activity for the social gathering scenario.*"

- Action: Wait for about 20 seconds to let the participant interact with the app.

## RESQUE FRAMEWORK - BASIC MUSIC APP

- Words: "*Now, we're going to ask you some questions based on your experience with **Music App Number 1**. You'll be rating each statement from 1 to 5, where 1 means 'Strongly Disagree' and 5 means 'Strongly Agree'. Please focus only on the **media formats** presented by the app, and not on the song itself.*"

- Action: Proceed to ask the RESQUE framework questions related to the Basic Music App experience.

## UEQ Questions – BASIC MUSIC APP

- Action: Hand the participant the form with the UEQ ready to be filled in.

- Words: "*Next, I'd like you to fill out this short questionnaire. It's a quick set of 8 questions about your experience using **Music App Number 2**. Just select the number that best represents your feelings.*"

## CONTINUE WITH MUSIC APP NUMBER 2

- Words: "*Now, we're going to repeat the same process with **Music App Number 2**. The scenarios and tasks will be the same, but the app may present different media formats. Just like before, assume the song matches your preferences and focus only on the media formats.*"

## PRESENT SCENARIO 1 – MODIFIED MUSIC APP

- Words: "*We're going to start with **Music App Number 2**. Again, Imagine that you want to rest and unwind after a tough day. You want to play calming music. Find the appropriate activity in the app according to this scenario and pay attention to the media formats presented.*"

- Action: Hand the participant the smartphone with the MODIFIED MUSIC APP running.

- Words: "*Here's the app—please take a moment to explore it and find the activity for household chores.*"

- Action: Wait for about 20 seconds to let the participant interact with the app and ask the participant for the device.

## PRESENT SCENARIO 2 – MODIFIED MUSIC APP

- Words: "*The second scenario still using **Music App Number 2** Imagine that you want to start your daily workout. You need music that can motivate and boost your energy.*"

*Find the appropriate activity in the app according to this scenario and pay attention to the media formats presented.*"

- Action: Hand the smartphone with the MODIFIED MUSIC APP running to the participant again.

- Words: "*Here's the app again—please explore it and find the activity for the social gathering scenario.*"

- Action: Wait for about 20 seconds to let the participant interact with the app.

- Words: "*We've completed both scenarios with **Music App Number 2**. Did you notice any differences between the first app and this one, particularly regarding the variety of **media formats** presented?*"

- Action: Allow the participant time to respond and note any comments they make.

**RESQUE FRAMEWORK – MODIFIED MUSIC APP**

- Words: "*We'll now ask you the same questions as before, but this time based on your experience with **Music App Number 2**. Again, focus only on the **media formats** and not on the song itself.*"

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- Words: "*Finally, please complete this questionnaire about your experience using **Music App Number 2**. Again, it's just 8 quick questions.*"

- Action: Wait for the participant to complete the form. Thank them for their participation once done.

- Words: "*Thank you so much for your time and valuable feedback! That is all we need.*"